

## No-rise Certification Update for SR 167 Completion Project Stage 2a – Puyallup Floodplain and Floodway

Date:	February 26, 2026	1100 112th Avenue NE
Project name:	SR 167 Stage 2a	Suite 500
Attention:	Tom Slimak	Bellevue, WA 98004-5118
Company:	WSDOT	United States
Prepared by:	Jonathan Turcott, PE	T +1.425.453.5000

This memorandum is an update to the no-rise certification for the SR 167 Stage 2a Project (Project). The original no-rise certification was provided to the City of Puyallup on August 3, 2023. The no-rise is to address effects on the existing floodplain and floodway of the Puyallup River within City of Puyallup jurisdiction. The original no-rise certification was prior to completion of final design for the Project. The Project is being delivered via Design-Build. The Design-Builder is progressing the Project through final design and construction, and this memo is intended to finalize the floodplain and floodway impacts and compensatory storage to be provided. The changes since the original no-rise letter are minimal. The only Stage 2a Project work that is proposed within the river's mapped floodplain and floodway is at the north and south ends of the Meridian Avenue bridge in relation to shared use path (SUP) construction. The Project will not alter the existing bridge and its abutments, nor construct anything protruding into the river channel beyond the existing banks of the river. No work will occur below the ordinary high water mark (OHWM).

The current FEMA flood insurance rate map (FIRM) for this area (panel #53053C0333E) includes a floodway that spans the entire bank-to-bank river channel width plus a portion of North Levee Road where it passes under the bridge and connects to North Levee Road to the west of the bridge crossing. The floodway also extends on to Riverwalk Trail under and adjacent to the south side of the bridge. As described in the August 3<sup>rd</sup>, 2023 no-rise letter, the Project involves relatively minor grading at the edge of the floodplain. The no-rise certification letter states the City provided direction that a hydraulic model of the river is not necessary to assess the potential for causing an increase ("rise") in the base flood elevation. The Project is required to show an addition of storage volume equivalent to or greater than the proposed fill in the floodplain and floodway at a similar elevation (compensatory flood storage). The regulatory flood elevation used for these comparisons is 40.0 ft (NAVD 88). Fill and excavation above this elevation are not counted toward impacts or compensatory storage. Additional flood storage volume is provided compared to the originally proposed volume from the 2023 No-Rise Certification Memo.

The fill below elevation 40.0 ft includes the following locations and volumes. Work on both sides of the river will be within the floodplain and the floodway.

### **On the north side of the river along North Levee Road**

- Fill for the new shared use path.
- Fill for widening along the eastbound right shoulder of North Levee Road.
- Fill for a profile adjustment of North Levee Road, east of the North Meridian Bridge.
- Cut for portions of shared use path, east of bridge.
- Minor cut areas for North Levee Road construction.
- Compensatory excavation west of the bridge and North Levee Road.

**Fill total 503.64 cubic yards**  
**Cut total 598.92 cubic yards**  
**Net 95.28 cubic yards (cut)**

**South of the Puyallup River, east of Meridian.**

- 4th Street NE Access to Riverwalk Trail.
- 4th Street NE Widening
- 4th Street NE SUP (South)

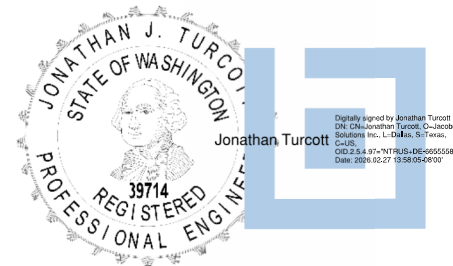
**Fill total 91.14 cubic yards**  
**Cut total 2.03 cubic yards**  
**Net 89.11 cubic yards (fill)**

The attached exhibits show these areas. Green areas are fill and red areas are cut within the regulatory floodplain below elevation 40.0. The total net fill on both sides of the river channel is 89.11 cubic yards, so the Project must add at least that volume of compensatory storage (cut). The total net cut within the regulatory floodplain below elevation 40.0 is 95.28 cubic yards which results in added storage volume of 6.17 cubic yards.

**ENGINEERING “NO-RISE” CERTIFICATION**

This is to certify that I am a duly qualified engineer licensed to practice in the State of Washington. It is to further certify that the SR 167 Completion Project (specifically Stage 2a of the project) will not cause a rise in base flood elevations, including within the regulatory floodway, in the Puyallup River within the city of Puyallup, based upon proposed compensatory flood storage to meet Puyallup Municipal Code requirements.

Jonathan Turcott, PE  
 Drainage Lead  
 Atkinson-Jacobs (SR 167 Stage 2a Design-Builder)



Attachments (1): Cut and Fill Comparison Figures and Excavation Calculations

ATKINSON  
 Feb 27 2026 KTW  
 RELEASED FOR CONSTRUCTION

## **Attachment A**

# **Cut and Fill Comparison Figures and Excavation Calculations**

**LEGEND**



FILL ABOVE EL. 40.0



FILL BELOW EL. 40.0  
(91.14 CUBIC YARDS)

CUT BELOW EL. 40 IS NEGLIGIBLE  
AND NOT SHOWN ON THIS FIGURE.



FILE NAME c:\users\conradcs\appdata\local\bentley\projectwise\jacobs-americas-01\d0291125\4th St NE Floodplain Comparison Exhibit.dgn				REGION NO. STATE		FED.AID PROJ.NO.		 Washington State Department of Transportation		SR 167 SR 161 TO SR 410 REBUILD INTERCHANGE		PLAN REF NO	
TIME 6:07:55 PM		DATE 2/19/2026		10 WASH		0167(059)						SHEET	
PLOTTED BY conradcs				JOB NUMBER		LOCATION NO.		 ATKINSON / Jacobs CONSTRUCTION		4TH STREET VICINITY FLOODPLAIN GRADING		OF	
DESIGNED BY				CONTRACT NO. XE3476		REVISION						DATE	

# Triangle Volume Report

Report Created: 2/19/2026  
Time: 6:02pm

**Mode:** Entire Surface

**Input Grid Factor:** 1.000000

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**Original Surface: XL5105-Exist**

Description:

Preference: WSDOT

Type: Existing

**Design Surface: 4TH ST NE RIVERWALK\_ACCESS\_under40\_Rev2**

Description:

Preference: Finished Surface

Type: Design

**Cut Factor:** 1.000

**Fill Factor:** 1.000

Cut:	35.92 cu ft
Fill:	2163.07 cu ft
Net:	-2127.15 cu ft

Cut:	1.33 cu yd
Fill:	80.11 cu yd
Net:	-78.78 cu yd

# Triangle Volume Report

Report Created: 2/19/2026  
Time: 6:04pm

**Mode:** Entire Surface

**Input Grid Factor:** 1.000000

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**Original Surface: XL5105-Exist**

Description:

Preference: WSDOT

Type: Existing

**Design Surface: 4TH ST NE SUP (SOUTH)\_under40\_Rev2**

Description:

Preference: Finished Surface

Type: Design

**Cut Factor:** 1.000

**Fill Factor:** 1.000

Cut: 0.04 cu ft

Fill: 271.94 cu ft

Net: -271.90 cu ft

Cut: 0.00 cu yd

Fill: 10.07 cu yd

Net: -10.07 cu yd

# Triangle Volume Report

Report Created: 2/19/2026  
Time: 6:01pm

**Mode:** Entire Surface

**Input Grid Factor:** 1.000000

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**Original Surface: XL5105-Exist**

Description:

Preference: WSDOT

Type: Existing

**Design Surface: 4TH ST NE Widening\_under40\_Rev2**

Description: Created from roadway designer

Preference: Finished Surface

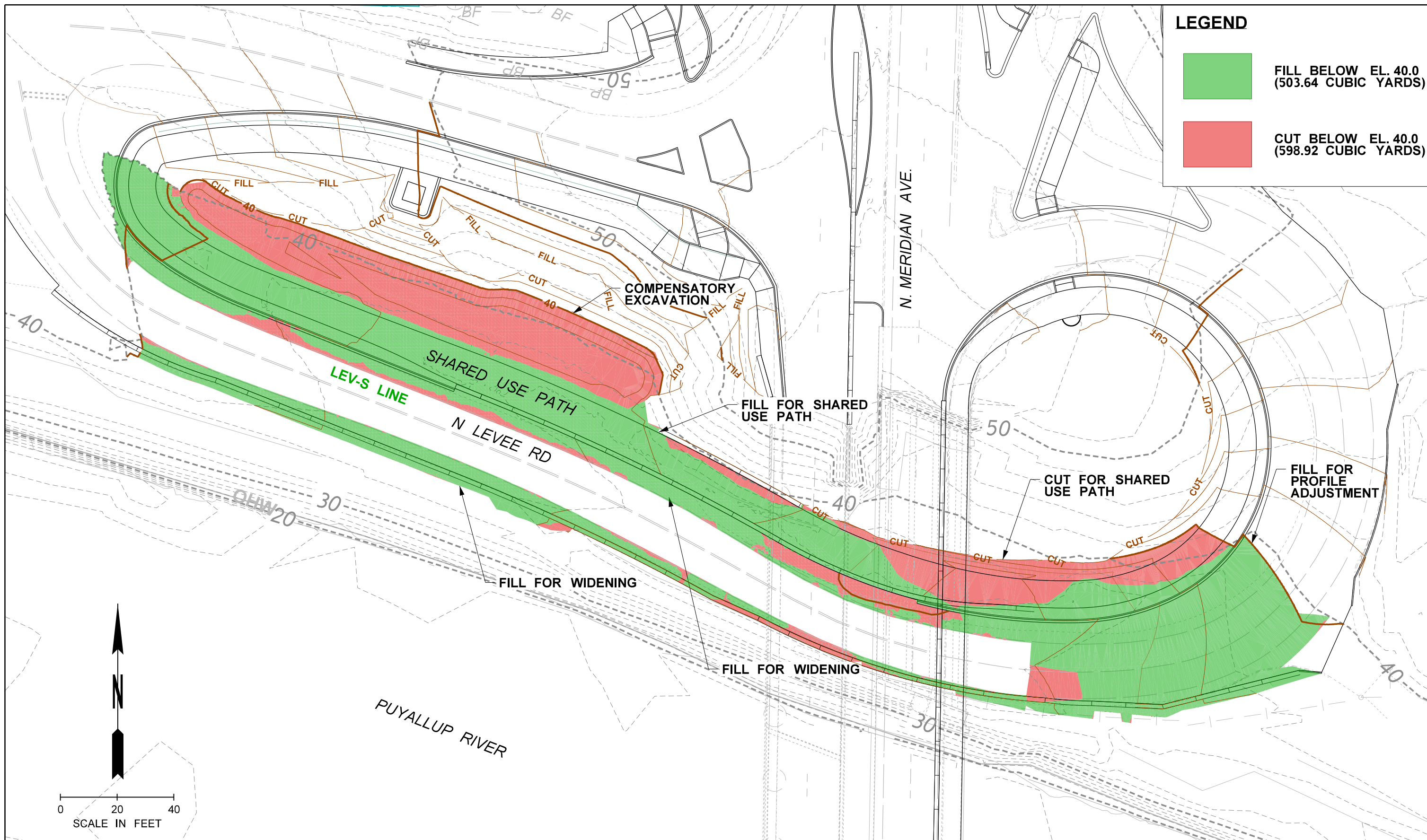
Type: Design

**Cut Factor:** 1.000

**Fill Factor:** 1.000

Cut:	18.81 cu ft
Fill:	25.79 cu ft
Net:	-6.98 cu ft

Cut:	0.70 cu yd
Fill:	0.96 cu yd
Net:	-0.26 cu yd



LEGEND	
<span style="display: inline-block; width: 20px; height: 10px; background-color: #90EE90; border: 1px solid black;"></span>	FILL BELOW EL. 40.0 (503.64 CUBIC YARDS)
<span style="display: inline-block; width: 20px; height: 10px; background-color: #FF6347; border: 1px solid black;"></span>	CUT BELOW EL. 40.0 (598.92 CUBIC YARDS)

FILE NAME	c:\users\sundbek\appdata\local\bentley\projectwise\jacobs-americas-01\d0291125\Levee South Volumes.dgn			REGION NO.	STATE	FED.AID PROJ.NO.	<div style="font-size: 2em; color: green; font-weight: bold;">PRELIMINARY</div> <div style="color: green; font-weight: bold;">NOT FOR CONSTRUCTION</div>	 Washington State Department of Transportation	<b>SR 167</b> SR 161 TO SR 410 REBUILD INTERCHANGE N. LEVEE ROAD VICINITY FLOODPLAIN GRADING	PLAN REF NO
TIME	2:36:35 PM			10	WASH	0167(059)				SHEET
DATE	2/23/2026			JOB NUMBER						OF
PLOTTED BY	SundbeK			CONTRACT NO.		LOCATION NO.				SHEETS
DESIGNED BY				XE3476						
ENTERED BY										
CHECKED BY										
PROJ. ENGR.	T. SLIMAK									
REGIONAL ADM.	S. ROARK									
REVISION										
DATE										
BY										

**ATKINSON / Jacobs**  
CONSTRUCTION

# Triangle Volume Report

Report Created: 2/23/2026  
Time: 2:15pm

**Mode:** Entire Surface

**Input Grid Factor:** 1.000000

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**Original Surface: Exist\_40**

Description:

Preference: WSDOT

Type: Existing

**Design Surface: LEV-S\_under40**

Description: Created from roadway designer

Preference: Finished Surface

Type: Design

**Cut Factor:** 1.000

**Fill Factor:** 1.000

Cut: 16170.90 cu ft

Fill: 13598.21 cu ft

Net: 2572.69 cu ft

Cut: 598.92 cu yd

Fill: 503.64 cu yd

Net: 95.28 cu yd